



**CITY OF FITCHBURG
CAPITAL IMPROVEMENT
COMMISSION**

Fitchburg Municipal Offices
166 Boulder Drive
Fitchburg, Massachusetts 01420

MINUTES OF MEETING HELD ON APRIL 24, 2017

ATTENDANCE

Commission Members: Chairman Timothy Bean, David Basilio, David Descoteaux, Stephen Descoteaux, and Jacquelyn Cronin (Interim).

Others present: Stephen DiNatale, Mayor; Calvin Brooks, Treasurer/Collector; Lenny Laakso, DPW Commissioner; Gary Withington, Superintendent of Streets; Nelson Mui, DPW Business Manager; Jacquelyn Poirier, Superintendent of Cemeteries; Police Chief Ernest Martineau; Fire Chief Kevin Roy; Trevor Bonilla, IT Director; Bob Jokela, Assistant Superintendent of Finance & Operations.

DISCUSSION & ACTION TAKEN

City Hall Update from Mayor Stephen DiNatale

Mayor Stephen DiNatale stated that the City Hall Feasibility Study is in progress with preliminary sketches expected shortly. The goal and intent is to move City operations back to 718 Main Street. Complete results of the study with all options are expected in August or September. In response to questions, the Mayor indicated that the City is in negotiations to acquire the adjacent Bank of America building, perhaps by gift, and preliminary discussions have been had regarding the Reagan & Company building also in the vicinity. The Feasibility Study consultants will take into account the three buildings in a campus style setting. Mayor DiNatale reminded the Commission that the City is looking toward future bonding capacity to fund this project along with a portion of future Library and Crocker School improvements. He also indicated that the City will apply for MSBA assistance in the future for the Longsjo Middle School.

The Commission was glad to see this important project moving forward, and looks forward to the results of the study in the fall.

Senior Center Air Quality Improvement Project

The Mayor described the moisture conditions in the lower level of O'Neil Hall. Architects Haynes, Lieneck, and Smith have reviewed the moisture control and resulting air quality concerns and have proposed alterations, ventilators, piping, supplemental steam heat, and monitoring equipment (see attached). The estimated cost is \$65,000.

The Commission supports the project which addresses health concerns for occupants of the building.

Water Commission – update on Water Main Improvement Project

Lenny Laakso appeared on behalf of John Deline, Deputy Commissioner of Water. Lenny explained that a \$2.5 million Loan Order has been issued, to be funded through rate increases. This project addresses poor water quality issues in the targeted areas by replacing water mains and changing customer lines on each street (see attached).

The Chairman questioned whether there is high lead content in the schools. Lenny replied no, the DEP has tested the internal fixtures. Commission support was expressed in addressing the improvement to city resident water quality.

Public Works – update on Salt Shed, Heavy Duty Dump Truck, and Other Capital

Lenny Laakso reminded the Commission that Mass DOT funds cannot be used toward replacement of the Salt Shed. Recent roof damage and collapsing walls mean time is of the essence, and the Mayor has supported funding this project (\$520,000).

Gary Withington addressed the need to replace a 2006 4WD dump truck. And because of issues experienced with the make of recently purchased trucks, the department wants to use a different manufacturer. They have decided to go with Freightliner (\$224,000) which has a military grade axel, plow, and hook loader.

Lenny also provided updates to the Commission on the status of other capital projects (attached). Chairman Bean inquired about the single lane status of the Oak Hill Bridge. Lenny explained that there is currently no funding, and because it is a city-owned bridge it is low on the DOT priority list. However, DOT does plan on replacement of two Water Street bridges in 2021. Load restrictions will begin soon on the Water Street Bridge over Boulder Drive.

The Commission acknowledged the critical need to replace the shed, the challenges of plowing the hills of the City, and thanked Lenny, Gary, and staff for their efforts.

Cemetery Department Capital

Jaquelyn Poirier distributed the Cemetery FY18 Capital Plan (attached). She explained that the Mausoleum roof was replaced in 2015, and now it is time to repair the inside damaged caused by the old roof, and that Monty Tech students are ready to help with the restoration. Also the 2001 Mower needs to be replaced, and the 1999 pick-up truck is no longer road worthy. The department also needs to replace the current software in use which dates to the 1980s. The software will have GIS and ancestry research capabilities and will manage invoicing and the location of graves and water lines. The software can be purchased in increments and the goal is to be fully operational by the opening of the expanded cemetery across the street at Park Hill. The new cemetery will comprise 26 acres, and the Commission is in the process of hiring a consultant to produce a Master Plan.

The Commissioners asked that the department return with updates as plans progress.

Police Department Vehicles and Other

Police Chief Ernest Martineau thanked the Commission for their support in the past. He reported on the completion of the Police Station roof, the resolved leak problems in the sally port, and the fitness room improvements. In response to Commissioners' inquiries the Chief reported that the evidence storage issue has been resolved through use of federal monies, and the department is all set. The Chief also discussed the replacement of patrol rifles, which he hopes to offset with incoming funds.

The Chief also discussed the condition of the 32-year old carpet at the Police Station, which impacts the quality of life for employees and the public. The cost would be approximately \$42,000. Chairman Bean asked if the project can be done piecemeal. The Chief explained the biggest challenge and expense would be dismantling the desks and computers and indicated that help may be available from the Sheriff's department. The Sheriff's department had previously painted the building for which the Chief was grateful.

The request for three cruisers (\$140,000) has been submitted for approved funding from Available Funds, which will keep the department fleet in good shape. The City is able to get a warranty and collision insurance on these vehicles, which helps since the department no longer has a mechanic. Outsourcing the standard vehicle oil changes and maintenance has worked well, is cost effective, and saves on long-term OPEB costs.

The Commission supports the replacement and rotation policy of front-line and second-line vehicles and thanked the Chief for the information.

Fire Department Vehicles and Other

Fire Chief Kevin Roy echoed the Police Chief's sentiments and thanked the Commissioners for what the department has accomplished with their help. The hot water tank replacement is done and Pumper One went in to service in December. Hoses and nozzles have been updated with grant funds.

Current needs are sandblasting and painting on the training tower at central fire station (\$36,000), brickwork at the Oak Hill station, and a compressor (\$40,000). The Chief explained that the sandblasting requires special equipment and therefore the Sheriff's office would not be a likely solution, and that the price of brickwork is astronomical.

Commissioners had questions about replacing the air compressor at cost of \$40,000: whether it was a safety issue and whether it could be outsourced. The Chief explained that if outsourced it would require calling for service 2-3 times per week.

The Commissioners thanked the Chief and agreed on the need for the equipment and facilities to continue to receive the necessary repairs and upkeep.

Information Technology request for new Fire Department Phone System

Trevor Bonilla stated that the need is critical – the existing phone system was moved from Oliver Street in 1999 and has required much patching and repairing. The new system (\$35,000) would match and be integrated with the Vertical Wave system recently installed at City Hall, the Senior Center, and the Police Station.

Commissioners agreed with the benefits of replacing the antiquated system and installing an integrated system that can be run from City Hall.

School Department Capital Project Requests

Bob Jokela distributed a schedule of the School Departments capital plan (attached). Included are two projects going before the Finance Committee tomorrow evening: South Street School retaining wall engineering and repair (\$120,000); and auditorium seating replacement at Memorial Middle School (\$160,000). Also the Longsjo Middle School is in need of a vacuum compressor pump - the building dates to 1936 and the unit requires an engineered solution. Bob described the outdated Phone System (\$100,000) and poor functionality of the High School Audio/Video system (\$150,000).

Bob also reviewed recently completed projects such as solar panel installations at Reingold and Memorial, realizing energy savings; the district-wide Wireless e-rate project (\$130,000 net); and replacement of the causeway parking lot at Memorial.

Bob further explained that Crocker has been accepted into the MSBA Core program with a reimbursement rate of 80%, \$850,000 has been budgeted for a feasibility study. And further that Statements of Interest have been filed with the MSBA Accelerated Repair program for which MSBA is trying to come up with criteria for prioritizing statewide repair to 20-30 year old systems.

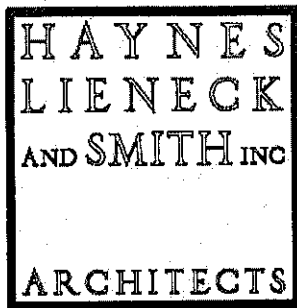
The Commissioners were appreciative of the efforts being made to maintain and improve the School District infrastructure.

TIME OF MEETING

Start: 5:16 p.m. - Adjourn: 6:36 p.m.

Prepared by Jacquelyn Cronin, and reviewed by David Descoteaux and Tim Bean.

Released May 18, 2017



10 Common Road
Post Office Box 128
Ashby, Massachusetts 01431-0128
(978) 386-2473
(978) 386-2474 (facsimile)

December 7, 2016

Project Description

Joan Goodwin, executive director
Senior Citizens Center
Wallace Avenue
Fitchburg, Massachusetts 01420

**Architect's Project 1911
Alterations
Ventilation
Lower Level
Senior Citizens Center
Fitchburg, Massachusetts**

Joan,

Haynes, Lieneck, and Smith, Inc. has briefly reviewed the existing conditions pertaining to the air quality and lack of ventilation for moisture control on the lower level. There are two occupied spaces on the lower level; one space with a bocce court and one space with games. The rest of the lower level is unoccupied space.

The main concerns are the air quality in the two occupied spaces and controlling moisture throughout the lower level. The lower level below O'Neil Hall is more susceptible to poor air quality and moisture than the rest of the lower level. Accordingly, the ventilation and moisture control focuses on the area below O'Neil Hall which includes the former shooting range, the former masonry instruction area, the unheated open area in the northwest corner, and the area of unexcavated bare soil along the west side.

The poor air quality is a health concern for occupants and the presence of moisture is deteriorating the existing building components and is affecting materials stored on the lower level, some of which are food service related.

Haynes, Lieneck, and Smith, Inc. recommends the following remedial alterations for addressing the air quality and moisture control concerns:

Past the north end of the bocce court, construct a masonry wall from the exterior wall on the east to the center wall that, in conjunction with the existing center wall and the existing south wall at the end of the unexcavated area, separates the occupied and usable areas from the rest of the lower level. Provide a metal access door in the separating wall from the bocce court room to the former masonry instruction space beyond.

On the occupied side of the separating wall provide the following alterations:

Provide occupant ventilation in the bocce court space with an energy recovery ventilator suspended in the space near the exterior wall with ducted air intake and ducted air exhaust through existing windows to louvers above grade on the exterior.

Provide occupant ventilation in the game room space with an energy recovery ventilator suspended in the space near the exterior wall with ducted air intake and ducted air exhaust through existing windows to louvers above grade on the exterior.

Maintain the unoccupied spaces without mechanical ventilation and monitor the presence of moisture.

Provide piping for the washing machine drain outlet that is directly into the plumbing waste piping and eliminate the open discharge of washing machine water onto the floor in the former shower area.

On the unoccupied side of the separating wall, provide the following alterations:

In the large area which includes the northwest corner and the area of unexcavated bare soil on the west side, provide moisture control ventilation with an energy recovery ventilator suspended in the space with ducted air intake and ducted air exhaust to louvers above grade on the exterior at locations to be determined.

In the former masonry instruction area, provide moisture control ventilation with an energy recovery ventilator suspended in the space with ducted air intake and ducted air exhaust through existing windows to louvers above grade on the exterior.

Where energy recovery ventilation is added, provide supplemental steam heat with a secondary condensate return pump and related piping to connect to the existing steam heating system.

Throughout the area, remove the wood framed walls in the former masonry instruction area, remove moisture absorbing debris, remove wood doors, and monitor spaces for moisture content.

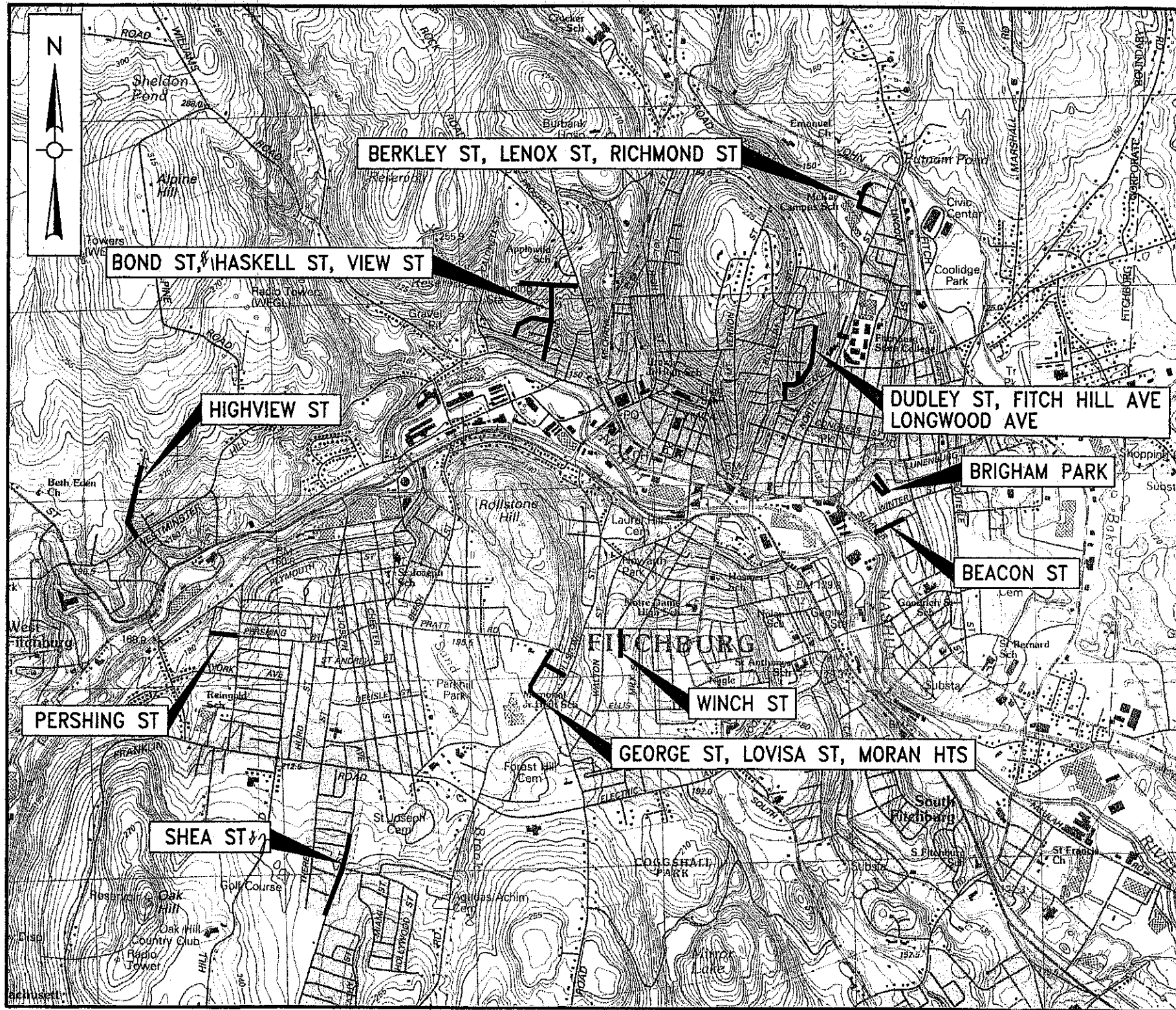
Haynes, Lieneck, and Smith, Inc. estimates that the cost of the work will be \$55,000-\$60,000. For a fee of \$5,500.00 Haynes, Lieneck, and Smith, Inc. offers to provide professional design services for preparing documents for bidding, permitting, and construction for the alterations.

Please advise of any questions.

Very truly yours,



Paul S. Lieneck, AIA



Street Name	Approx. Limits of Work	Approx. Length (LF)	Scope
Beacon St.	Summer St. to Atlantic Ave.	600	Abandon existing 4" CI and install new 8" DI
Berkley St.	Lennox St. to North St.	280	Abandon existing 4"/6" CI and install new 8" DI
Bond St.	Goddard St. to View St.	1,070	Abandon existing 6" CI and install new 8" DI
Brigham Park	Holt St. to Holt St. (Loop)	710	Abandon existing 4" CI and install new 4" DI
Dudley St.	Fitch Hill Ave. to Lyman St.	170	Abandon existing 6" CI and install new 8" DI
Fitch Hill Ave.	Longwood Ave. to Lyman St.	1,370	Abandon existing 2"/6" CI and install new 8" DI
George St.	Lovisa St. to Rollstone St.	420	Abandon existing 6" CI and install new 8" DI
Haskell St.	Arlington St. to Bond St.	700	Abandon existing 6" CI and install new 4" DI
Highview St.	Westminster Hill Road to End	640	Abandon existing 2"/4"/6"/" CI and install new 8" DI
Lennox St.	Berkley St. to North St.	440	Abandon existing 4" CI and install new 8" DI
Longwood Ave.	Pearl St. to Osgood St.	265	Abandon existing 4"/6"/8" CI and install new 8 DI
Lovisa St.	George St. to Pratt Rd.	535	Abandon existing 2"/6" CI and install new 8" DI
Moran Hts.	Rollstone St. to Lovisa St.	450	Abandon existing 2" CI and install new 4" DI
Pershing St.	Leroy St. to Reingold Ave.	410	Abandon existing 1.5" CI and install new 8" DI
Richmond	Berkely St. to end	160	Abandon existing 2" IP and install new 2" PE
Shea St.	Darlene/Golf Rd. to Cathy St.	1,645	Abandon existing 6" CI and install new 8" DI
View St.	Prospect St. to End	890	Abandon existing 6" CI and install new 4" and 8" DI
Winch St.	Pine St. to End	520	Abandon existing 6" CI and install new 4" DI

TOTAL FOOTAGE

11,275

City of
Fitchburg



Department of
Public Works

COMMISSIONER

301 Broad Street
978-829-1910
978-345-9687 FAX

STREETS & PARKS

301 Broad Street
978-829-1900
978-345-9687 FAX

WASTEWATER

Princeton Road
978-345-9622
978-345-9623 FAX

SEWER COLLECTION

301 Broad Street
978-829-1905
978-345-9687 FAX

WATER

1200 Rindge Road
978-345-9616
978-345-9555 FAX

ENGINEERING

301 Broad Street
978-829-1917
978-345-9687 FAX

CEMETERIES

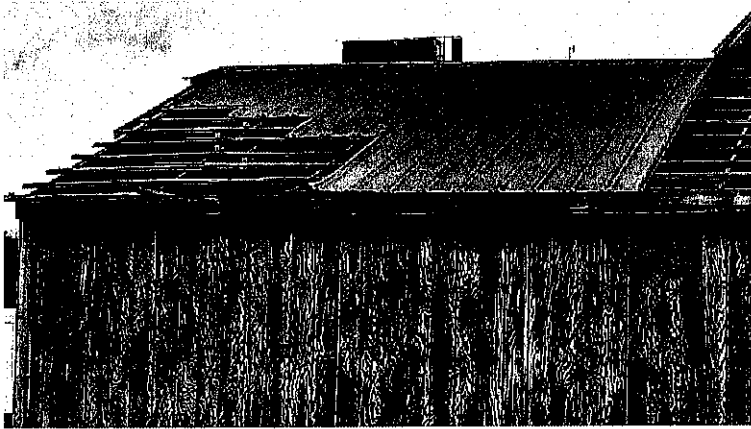
115 Mount Elam Road
978-345-9578
978-345-9686 FAX

Date: April 24, 2017

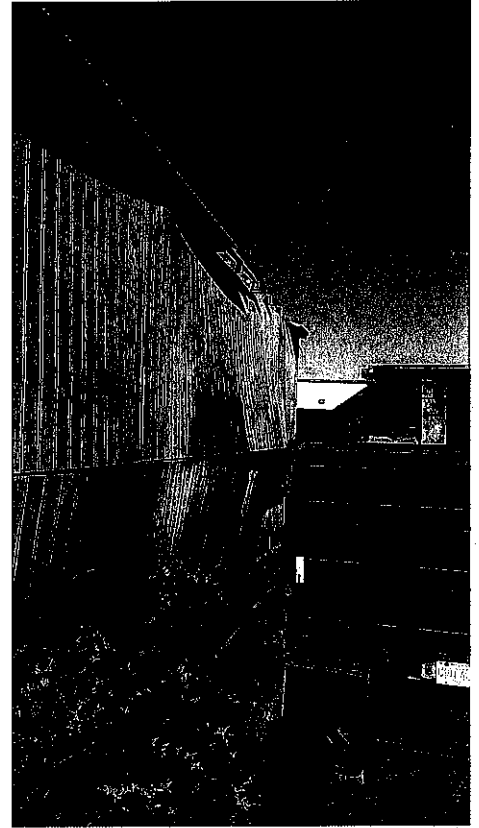
To: Mayor Stephen L. DiNatale
& Capital Improvement Commission
From: Lenny Laakso, DPW Commissioner
Subject: DPW Capital Needs

I respectfully request that funding be provided to enable the Department of Public Works to address the following needs. Costs given below are preliminary.

1. Salt Shed. When the DPW complex was renovated in 1985, the existing salt shed was not repaired or upgraded, and it remains in use. It has serious structural problems and needs to be replaced. Holes in the roof and walls allow rain and snow to enter the salt pile, causing some of the salt to dissolve. Similar size sheds constructed for MassDOT: COST = \$520,000.
 - The metal roof panels literally peel off in the wind, and many more were lost in March 2017. Although we have refastened the roof panels to the wood roof trusses on numerous occasions, some of the roof trusses are in such poor condition that it is impossible to nail into them. As a result, we have holes in the roof.
 - The wood side panels are rotting and bulging, and some of them are missing, causing more rain and snow to enter the shed.
 - Side walls are collapsing.
 - The salt shed is generally unsafe.
2. Heavy Duty 4WD Dump Truck with Plow and with Hook Loader for Dump Body & Sander. Two years ago, DPW purchased two of these vehicles, but they experienced some problems this past winter, so we want to change manufacturers. As described previously, the Streets Division has been plagued with light duty plows that cannot handle the hills of Fitchburg, so they were subject to frequent and costly breakdowns. Our most critical need is to replace Truck T-58, a light duty 4WD truck that was purchased in 2006 but failed to be up to the task and has required many costly repairs. COST = \$224,000.



Salt Shed- Roof Damage March 2017



Salt Shed- Walls are collapsing



Truck T-58

Greater Boston Police Council
MAPC
Freightliner
2016/2017 Cooperative Procurement Specifications

Freightliner 114 SD	\$99,850.00
214 Cummins ISL 9 Liter 350 HP	\$4,500.00
228 Allison 3000 RDS	\$100.00
241 23,000 lb. Driving front axle	\$23,450.00
242 315/80R22.5 Front Tires	\$980.00
247 30,000 lb. rear axle	\$5,300.00
261 Air conditioning	\$0.00
264 Inside/outside air intake	\$550.00
265 Air suspension driver's seat	\$345.00
186 Engine exhaust brake	\$0.00
207 Positive load disconnect switch	\$240.00
276 Engine Compression Brake	\$2,350.00
277 Driver Controlled Differential Lock	\$990.00
280 Body Circuit Switches Six	\$950.00
302 Heated Windshield	\$0.00
319 Plate pintle hook with trailer plug	\$880.00
407 Dump Body Delete	\$(10,000.00)
409 Automatic Transmission mounted central hydraulics	\$6,900.00
448 HD power tilt quick hitch plow frame with lights and control valve	\$7,600.00
451 HD 11' Power Reversing Trip Edge Plow	\$9,650.00
455 Power reverse hydraulics with controls	\$1,050.00
464 Quick Hitch attachment for snowplow	\$2,150.00
465 Polymer Mold Board in Lieu of Steel	\$950.00
472 Chassis Mounted Spreader (11' Hi Way E20 20 XT)	\$12,350.00
474 Stainless Steel Upgrade	\$5,900.00
476 Manual spreader fluid control valve, plumbed	\$1,950.00
480 24" Cab Shield for Chassis Mounted Spreader	\$1,250.00
481 Rear and front deflector	\$850.00
482 4" Flood Light for Spreader	\$250.00
483 Dual Rear Facing 7" Red Flashers for Spreader	\$450.00
541 Hook Loader for 10' to 14' bodies	\$33,900.00
546 Hook loader skid for optional bodies	\$2,950.00
547 Custom Support Legs	\$2,950.00
595 LED Strobe System	\$1,450.00

Total \$223,035.00

Servicing Freightliner Dealer:

Tri State Truck Center, Inc.
411 Hartford Turnpike
P.O. Box 308
Shrewsbury, MA 01545
508-753-1200

By: Rich Coutu _____

Municipality:

City of Fitchburg



TAYLOR & LLOYD, INC.

7400 -6 Wheel 4X4 BUDGET

New England's #1 INTERNATIONAL Municipal Dealership

Quote Date:

4/18/2017

Presented in accordance with Greater Boston Police Council Cooperative Procurement Program/MAPC.

Contract# FIB#GBPC 2014-INTERNATIONAL Pricing valid through: October 30, 2016 Current contract available upon request.

To: Lenny Laakso
City of Fitchburg
301 Broad Street
Fitchburg, MA 01420

Qty	Item	Description	Unit Price
	201	BASE 7300SFA 4X2 CHASSIS	\$75,484.00
	214	Navistar N9 330 HP Upgrade 7400 or Cummins ISL 330 HP	\$6,305.00
	242	18,000 lb. Driving Front Axle with 12R22.5 - 16 PR Tires with Fender Extensions	\$33,920.00
	250	30,000 lb. Rear Axle with Cast Brake Shoes	\$3,795.00
	261	Air Conditioning	\$823.00
	262	Inside/Outside Engine Air-Intake with in-Cab Control	\$334.00
	267	Aluminum Air Tanks	\$252.00
	271	AM/FM stereo Radio: with weatherband, clock & Bluetooth	\$100.00
	275	Driver Controlled Locking Differential	\$1,005.00
	279	Body Circuit Switches "Six Pack"	\$575.00
	283	Exterior Roof Sun Visor	\$473.00
	288	Heavy Duty .472" Hub Piloted Disc Wheels - Front Axle	\$192.00
	289	Heavy Duty .472" Hub Piloted Disc Wheels - Rear Axle	\$311.00
	290	Powder Coated Wheels	\$72.00
	293	Heated Windshield	\$645.00
	294	Down Spray Lids	\$204.00
	298	Corrosion Resistant Primer Coating for Single Frame Rails	\$1,000.00
	328	Plate Mounted Pintle Hook with Trailer Plug	\$900.00
	398	Automatic Transmission Module & Central Hydraulic System	\$6,500.00
	436	Heavy Duty Plow Frame - Power Lift with Lights and Control Valve	\$6,900.00
	444	Heavy Duty 11" Power Reversing Trip Edge Plow	\$10,000.00
	448	Power Reversal Hydraulics with Controls	\$1,100.00
	457	Quick Hitch Attachment for Snow Plow	\$1,400.00
	458	Add for "Polymer" Moldboard in lieu of Steel	\$1,200.00
	467	10 Ft. chassis mounted Spreader	\$11,700.00
	469	Stainless Steel Spreader Upgrade for 10 Ft. Spreader	\$5,000.00
	471	Manual Spreader Fluid Control Valve, Plumbed	\$2,500.00
	475	Safety Spill Shields	\$1,800.00
	478	24" Floodlight for Spreader	\$200.00
	479	Dual Rear Facing 24" Floodlights for Spreader	\$450.00
	480	Dual Steel Diamond Tread Foot Walks with Access Steps	\$1,500.00
	539	Hook loader for 14' to 18' Bodies 33,000 lbs. Capacity	\$33,000.00
	545	Hook loader Skid for Mounting Optional Bodies	\$2,500.00
	546	Custom Support Legs for Specialized Bodies	\$2,500.00
		Stainless Steel Oil Pan (N9 only)	\$1,360.00
	594	LED Strobe System: Two Flashers Mounted Front Corners of Body, 2 Rear Mounted Flashers with Brake and Turn Signals	\$2,800.00

Quotation prepared by:

Jim Tsotsi

This is a quotation on the goods named, subject to the conditions noted below:
(Describe any conditions pertaining to these prices and any additional terms of the agreement.
You may want to include contingencies that will affect the quotation.)

To accept this quotation, sign here and return: _____

Subtotal:	\$218,800.00
Trade:	
Discount:	
Net Due:	\$218,800.00

Thank you for your business!

8 Railroad Ave, Bedford, MA 01730 Phone: 781-275-9290 Fax: 781-275-8404 jimtsotsi@taylorandlloyd.com



CHASSIS SPECIFICATIONS SUMMARY

April 19, 2017

2018 MACK GU712

SNOW PLOW. On/Off Hwy
STRAIGHT TRUCK WITHOUT TRAILER

Engine	MACK MP7-425M 425HP	Transmission	4500-RDS-6
		Clutch	OMIT CLUTCH
Front Axle	20,000# FXL20 <i>DRIVING</i>	Rear Axle	30,000# RS-30-185 Ratio 5.38
Suspension	20,000#	Suspension	30,000# MULTILEAF
Tires	Front: 315/80R22.5 Rear: 12R22.5	Wheels	22.5x9.0 STEEL DISC (10-HOLE) 22.5x8.25 STEEL DISC (10 HOLE)
Ratings	GVW: 47,120# GCW: 80,000#	Fuel Tanks	LH: 72gal
Fifth Wheel		Sleeper	

PRICING SUMMARY

SELLING PRICE (Excluding Taxes/Fees/Trade)	<u>Total Price</u>
Surcharge	\$269,406.90
Net FRET or Canadian GST Taxes	\$750.00
Tire Tax Credit (Municipal Only)	\$0.00
Sales/Usage Taxes	(\$269.90)
License/Title/Etc.	\$0.00
Misc Fees	
Trade	\$0.00
ACQUISITION COST (Include Trade if applies)	\$269,887.00
Less Down Payment	
BALANCE DUE Per Unit	\$269,887.00
PRICE (Total Order)	\$269,887.00
BALANCE DUE (Total Order)	\$269,887.00

2018 MODEL YEAR
factory order
FOR BUDGET PURPOSES
INCLUDES PRICING FRO MADIGAN
QUOTE IS ENCLOSED FROM JOHN DWYER

Total Quantity: 1 Estimated Total Weight: 14,832# Reference#: AFXQ077618B

x _____
Prepared For: Customer Signature Date
CITY OF FITCHBURG
301 BROAD ST
FITCHBURG, MA 01420
Phone: --
Fax: --

x *UB* _____ *4/19/17*
Presented By: Dealer Signature Date
GREG DAY
BALLARD MACK
WORCESTER, MASS 01604
508 753 1403
greg@ballardmack.com

Capital Improvement Commission

4/24/17

Department of Public Works- Updates

- **Shea Street Flood Mitigation Project**
 - Phase I completed 2014.
 - Phase II under construction. Complete this spring.
- **Oak Hill Road Bridge**
 - Bridge remains open with partial lane closure and load limit.
 - Repairing two remaining bridge beams would cost about \$500,000. No funding
 - Replacing deck might cost at least \$2.5 million. Would be eligible for state/federal funding
- **MassDOT capital plan:**
 - Twin City Rail Trail- 2019
 - Westminster St Bridge- 2018, \$4.7M
 - Safe Routes to School/South Street. Construction in progress. Will be complete early 2018, \$1.2M
 - Summer St. Advertise for bids in spring. \$10.3M
 - River St Bridge, \$2.8M
 - Circle St Bridge, \$2.6M
 - Water Street Bridges: \$21.6M, Construction 2021
 - Water St Bridge over N Nashua R
 - Water St Bridge over RR Tracks & Boulder Drive. Load limits soon.
- **LED Street Lights**
 - Conversion done; Network is operating. Needs some tweaking.
 - Decorative lights, North and Main. Possible Green Communities Grant.
- **Paving- Spring 2017**
 - Sewer Separation Streets in progress- East, Culley, Congress, Cedar, Pacific- all south of Pearl
 - Roundabout at Electric/Rollstone- waiting for schedule
- **Planning**
 - John Fitch/North/Pearl Hill. Safety improvements done; Road Safety Audit complete
 - Westminster St from Simonds to Ashburnham St; Road Safety Audit complete
 - MassDOT Small Bridge Program- Ashburnham St Bridge- \$130,000 grant awarded
 - Downtown traffic- FSU funding traffic studies

Fitchburg DPW- Paving/Chapter 90 & CSS- 2017

3/16/2017

Item	Streets		
CSS Streets	Spring 2017	between Lunenburg & Pearl, minus Lincoln	
	Congress St	Funded by Wastewater	Ward 5
	Cedar St	Funded by Wastewater	Ward 4 5
	Pacific St	Funded by Wastewater	Ward 4 5
	Culley St	Funded by Wastewater	Ward 4
	East St	Funded by Wastewater	Ward 4 5
Ch 90	Spring 2017		
	Pearl St Sidewalk	Funded by FSU and Ch 90	Ward 4 5
	Roundabout	Funded by Planning Board (Bridle Cross) and Ch 90	Ward 1 2 6
	Autumn Dr	Funded by Ch 90 Shea to #64	Ward 3
	Crack Sealing	Funded by Ch 90	
Equipment	Fall 2017		
	Asphalt Zipper	Funded by Ch 90, Water & Wastewater	HOLD- Local contractor bought one- we can rent
Ch 90 Shim	Fall 2017	Work by DPW	Limits to be determined
	Pearl Hill Rd	Funded by Ch 90	
	Sheldon Rd	Funded by Ch 90	
	Stickney Rd	Funded by Ch 90	
Ch 90	Summer-Fall 2017		
	Pearl St	Funded by Wastewater & Ch 90	JFH to Highland Ward 4 5
	Princeton Rd	Funded by Ch 90	Authority to RR Bridge Ward 3
	Falulah St	Funded by Ch 90	FW Webb to Benson Ward 6
	Franklin Rd	Funded by Ch 90	Nikitas Field to Electric Ward 2
	St Joseph Ave	Funded by Ch 90	Daniels to Oak Hill Ward 2
	Belmont St	Funded by Ch 90	Capone to Romano Ward 1
	Main St	Funded by Ch 90	School to Boulder Ward 2

CEMETERY FY18 CAPITAL PLAN

1. Forest Hill Mausoleum Restoration - \$ 25,000.00 – This project started with the mausoleum roof being repaired in September 2015. This next step is to have Monty Tech fix the water damage from years of leaking. Monty Tech will be working starting in September 2017 on the ceiling, floor and wall repairs.
2. Mower with bagger - \$ 12,400.00 - A new 52" Zero turn mower with bagger is needed to replace a 62" 2001 machine. The 52" size machine works better in cemetery with maneuvering around headstones.
3. Pick-up Truck - \$ 40,000.00 – New pick-up truck is replacing 1999 truck (truck is no longer road worthy) - Needed for transportation with temporary summer help for off-site cemeteries, used to put device and greens for funerals.
4. Computer Software - \$ 70,000.00 – This is to replace an old access data base purchased in the 1980's for around \$ 20,000.00. (30 years old) Needed to have information on computer system – stop the needless paperwork – save time, have more information available for families. New software will enable an individual to pull up family information on cell phone and have directions to grave. Work orders can be sent to grounds crew via cell phone or tablet. New software can be used as a sales tool to show what graves are available in cemetery, with on line payment options. Migration of data to produce deeds, transference of graves, veteran status, invoicing, payment plans, contracts, and inventory control. This will also allow our infrastructure including water lines, electrical, roads, and trees to be plotted on the computer. This will be an invaluable tool as we open a new cemetery. This can be purchased in phases, yearly.

CEMETERY CAPITAL PLAN

DEPARTMENT		DESCRIPTION	COMPLETED	NEED ORDER	PROJECTED COST	
DPW - Cemetery	Structures	Laurel Hill: Retaining wall (rebuild)	Oct-12	X		
DPW - Cemetery	Structures	Laurel Hill: Retaining wall - North Avenue (rebuild)		2	5,000	
DPW - Cemetery	Structures	Forest Hill: Mausoleum restoration - roof	Sep-15	X		
DPW - Cemetery	Structures	Forest Hill: Mausoleum restoration - inside/door		1	25,000	Monty Tech to start September 2017
DPW - Cemetery	Structures	Forest Hill: Mausoleum restoration - steps/railings		3	20,000	
DPW - Cemetery	Structures	Forest Hill: Columbaria	Jul-15	X		
DPW - Cemetery	Structures	Forest Hill: Columbaria - expansion		3		Funding from Revolving Account
DPW - Cemetery	Site Improvements	Forest Hill: Road regrade/paving		3	100,000	
DPW - Cemetery	Site Improvements	Laurel Hill: Road regrade/paving		4	50,000	
DPW - Cemetery	Structures	Forest Hill: Maintenance Shed		3	100,000	
DPW - Cemetery	Site Improvements	Forest Hill Extention: Master Plan	bids in process	*		\$30,605 funding already secured
DPW - Cemetery	Site Improvements	Forest Hill Extention: Clear Cut/ Site Work		2	200,000	
DPW - Cemetery	Structures	Forest Hill: Office - new		2	800,000	
TOTALS					1,300,000	

Annual Cemetery Small Projects

DPW - Cemetery	Structures	Laurel Hill & Forest Hill: Tomb (pointed)		4	50,000	
DPW - Cemetery	Structures	Laurel Hill: Tomb (painted)	Sep-13	X		
DPW - Cemetery	Site Improvements	Laurel Hill: Fence		3		
DPW - Cemetery	Site Improvements	Forest Hill: Landscaping		2		benches funding from revolving account
DPW - Cemetery	Site Improvements	Forest Hill: Columbarium Landscaping		3		
DPW - Cemetery	Structures	Forest Hill: Water line replacement -3 of 4 phases complete	in process 2015	*		last phase needs to be completed-\$ secured
DPW - Cemetery	Site Improvements	Forest Hill: Fence	in process	*		installation expected this spring \$19,935 secured
		Forest Hill: New section Q - drainage	in process	*		\$ 8000.00 funding already secured
DPW - Cemetery	Site Improvements	Laurel Hill: Landscaping		4		
DPW - Cemetery	Site Improvements	Forest Hill: Monuments at Cremains Section		4		
DPW - Cemetery	Site Improvements	Forest Hill: Storm Drainage (12 completed out of 51)	in process	3		Re-built a few a year since 2012
DPW - Cemetery	Site Improvements	Laurel Hill & Forest Hill: Storm Drainage		4	20,000	
DPW - Cemetery	Site Improvements	Dean Hill: Landscaping		3		
DPW - Cemetery	Site Improvements	Forest Hill: Street signs and signage		3	10,000	
DPW - Cemetery	Site Improvements	Laurel Hill: Security Gates - Cameras		3		
DPW - Cemetery	Site Improvements	South Street: Landscaping		4	10,000	

CEMETERY CAPITAL PLAN

DPW - Cemetery	Site Improvements	Laurel Hill: Street signs and signage	in process 2014	3	3,000	
DPW - Cemetery	Site Improvements	Forest Hill: Grave markers	in process	2	10,000	
DPW - Cemetery	Site Improvements	Forest Hill: Flag Poles		3		
DPW - Cemetery	Structures	Forest Hill: Stone wall (pointed)		3	50,000	
DPW - Cemetery	Site Improvements	Forest Hill: Tree removal - replacement		2		
DPW - Cemetery	Site Improvements	Forest Hill: Expansion - landscape		2		
DPW - Cemetery	Site Improvements	West Street: Landscaping		3		
DPW - Cemetery	Site Improvements	West Street: Signage		3		
DPW - Cemetery	Site Improvements	South Street: Signage		3		
DPW - Cemetery	Site Improvements	Hartwell: Signage		3		
TOTALS					153,000	

DPW - Cemetery Vehicles/Equipment						
DPW - Cemetery	Equipment	computer replace laptop - left over from police		3		
DPW - Cemetery	Equipment	computer software updated from 1980's		1	70,000	Can be purchased in phases yearly
DPW - Cemetery	Equipment	fire retention for records - cabinets		3	5,000	
DPW - Cemetery	Equipment	water tank- watering graves/flowers		2		
DPW - Cemetery	Equipment	Leaf set up - removal of leaves with vacuum	Sep-14	X		
DPW - Cemetery	Equipment	trailer with dual tires - transport lawnmowers	Aug-16	X		
DPW - Cemetery	Equipment	backhoe JCB	Aug-11	X		
DPW - Cemetery	Equipment	lowering device- replace grave device 1999		3	7,000	
DPW - Cemetery	Equipment	frost remover		3		
	Equipment	mower 48" walk behind		3	6,000	
DPW - Cemetery	Equipment	mower - Ferris walk behind	May-12	X		
	Equipment	mower - 52" Gravely Zero Turn - replace 62" 2001		1	9,900	
	Equipment	mower bagger for 52" Gravely		1	2,500	
	Equipment	mower - Gravely prostance 52"		3	7,200	
DPW - Cemetery	Equipment	mower - Gravely prostance 52"	Jun-15	X		
DPW - Cemetery	Vehicles	1ton pick up truck with lift gate & plow- replace 1999		1	40,000	
DPW - Cemetery	Vehicles	Gator		4	15,000	Efficient transporation in Forest Hill
DPW - Cemetery	Vehicles	car - replace 2001 crown vic - from police		3	35,000	lead in funerals, sell graves
TOTALS					197,600	

April 18, 2017
School Dept. FY18 Capital Plan
Prepared by Bob Jokela

Project	Target Completion	Priority	Budget	Status
SSES Electronic Sign	FY18	1	\$ 35,000	ZBA approved
Memorial MS Electronic Sign	FY18	2	\$ 35,000	ZBA approved
Reingold Elemenetary School Electronic Sign	FY18	2	\$ 35,000	ZBA approved
SSES-West Retaining Wall Eng & Desgin	FY18	1	\$ 120,000	Design complete. Bid open 4/20/17 FY18; Pending City Appropriation (Order #089-17)
Reingold Elementary Lift Replacement	FY18	1	\$ 55,000	Need to retain designer to create specification for Architectural Access Board approval
Longsjo Middle School Vacuum Compressor Pump	FY18	1	\$ 100,000	Investigating options
Memorial Auditorium Seating	FY18	1	\$ 160,000	Pending City Appropriation (Order #089-17)
FHS Auditorium Seating	FY18	2		Inspection & Maintenance complete; seat replacement under review
Crocker Elementary new front doors	FY18	1	\$ 15,000	Need to write spedification
Camera System upgrades: SSES, GA, Crocker	FY18	2		Need to write spedification
FHS Athletic Fields Sprinkler System Repair	?	3		Investigating options
Crocker Field Lighting Replacement	FY19	3	\$ 150,000	CFRC to begin private fundraising
Vans (1)	FY18	2	\$ 35,000	Need to write spec. & bid
Floor Cleaning Machines (3) Annual Replacement	FY18	1	\$ 45,000	Annual replacement cycle
Goodrich Masonry Repair	FY18	1	\$ 38,500	Repointing to prevent further deterioration
SSES- West Façade Molding Project	FY18	1		To be completed if/when SSES West roof MSBA project occurs
Phone System	FY18	1	\$ 100,000	Upgrade district phone system
FHS Auditorium Audio/Video Upgrade	FY18		\$ 150,000	Provide current functionality
Memorial Heat Piping Repair (to classrooms)	FY18	1	\$ 17,000	Replace section of original piping
Mass School Building Authority:				
Core Program (Enter MSBA Program 5/1/17) Crocker Elementary School Feasibility Study	FY18	1	\$ 850,000	Crocker Elementary accepted into MSBA Core Program which begins 5/1/17 (MSBA 80% reimburesement)
Accelerated Repair Program: SSES-West Roof, SSES-South Bopiler, Longsjo Roof, Windows, Boiler, Goodrich Academy Roof	FY18	1		Statements of Interest Submitted Feb. 2017; Subject to MSBA approval & funding (MSBA 80% Reimbursement)
TOTAL:			\$1,940,500	

NOTE: Items in yellow awaiting cost estimates